Title (en)

HYBRID VEHICLE CONTROL SYSTEM AND CONTROL METHOD

Title (de)

HYBRIDFAHRZEUGSTEUERUNGSSYSTEM UND -STEUERUNGSVERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE DE VÉHICULE HYBRIDE

Publication

EP 3045365 A4 20170517 (EN)

Application

EP 14842391 A 20140903

Priority

- CN 201310409911 A 20130909
- CN 201310557279 A 20131111
- CN 2014085829 W 20140903

Abstract (en)

[origin: EP3045365A1] A control system of a hybrid electrical vehicle and a control method for a hybrid electrical vehicle are provided. The control system of the hybrid electric vehicle includes: a transmission device (10) connected with wheels (2a and 2b) of the hybrid electrical vehicle; an engine power subsystem (20) connected with the transmission device (10); a motor power subsystem (30) connected with the transmission device (10); and a control module (40) configured to control the hybrid electrical vehicle to operate in a hybrid electrical-economical mode by controlling the engine power subsystem (20) and the motor power subsystem (30), and to control the hybrid electrical vehicle to operate in a first manner if a current slope detected by the hybrid electrical vehicle is less than or equal to a minimum slope and a current electric quantity of a power battery of the motor power subsystem is less than or equal to a first electric quantity threshold, or if the current slope detected by the hybrid electrical vehicle is less than or equal to the minimum slope and a maximum allowable discharge power of the power battery of the motor power subsystem is less than or equal to a first power threshold.

IPC 8 full level

B60W 20/00 (2016.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 30/182** (2012.01)

CPC (source: CN EP US)

B60W 10/06 (2013.01 - CN EP US); **B60W 10/08** (2013.01 - CN EP US); **B60W 10/26** (2013.01 - US); **B60W 20/10** (2013.01 - EP US); **B60W 20/13** (2016.01 - US); **B60W 20/15** (2016.01 - US); **B60W 30/182** (2013.01 - CN EP US); **B60W 30/1882** (2013.01 - EP US); B60W 2510/244 (2013.01 - CN EP US); B60W 2552/15 (2020.02 - CN EP US); B60W 2710/0666 (2013.01 - US); B60W 2710/0677 (2013.01 - US); B60W 2710/083 (2013.01 - US); B60W 2710/244 (2013.01 - US); Y02T 10/40 (2013.01 - EP US); Y02T 10/62 (2013.01 - EP US); Y02T 10/84 (2013.01 - EP US); Y10S 903/93 (2013.01 - EP US)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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